Contents Volume 109

Research Articles

B. MORTON (Hong Kong), Juvenile growth of the South China Sea whelk *Hemifusus tuba* (Gmelin) (Prosobranchia: Melongenidae) and the importance of sibling cannibalism in estimates of consumption (JEM 00884) 1

E. KRISTENSEN and F.Ø. ANDERSEN (Denmark), Determination of organic carbon in marine sediments: a comparison of two CHN-analyzer methods (JEM 00885) 15

M.I. LATZ, T.M. FRANK, J.F. CASE, E. SWIFT and R.R. BIDIGARE (U.S.A.), Bioluminescence of colonial radiolaria in the western Sargasso Sea (JEM 00886) 25

J.R. BROWN, R.J. GOWEN and D.S. MCLUSKY (U.K.), The effect of salmon farming on the benthos of a Scottish sea loch (JEM 00887) 39

D.P. CYRUS and S.J.M. BLABER (South Africa), The influence of turbidity on juvenile marine fishes in estuaries. Part 1. Field studies at Lake St. Lucia on the southeastern coast of Africa (JEM 00888) 53

D.P. CYRUS and S.J.M. BLABER (South Africa), The influence of turbidity on juvenile estuaries. Part 2. Laboratory studies, comparisons with field data and conclusions (JEM 00889) 71

O. MATSUSHIMA, H. KATAYAMA and K. YAMADA (Japan), The capacity for intracellular osmoregulation mediated by free amino acids in three bivalve molluscs (JEM 00890) 93

G. CHARMANTIER and D.E. AIKEN (France, Canada), Osmotic regulation in late embryos and prelarvae of the American lobster *Homarus americanus* H. Milne-Edwards, 1837 (Crustacea, Decapoda) (JEM 00891) 101

R. NOY, B. LAVIE and E. NEVO (Israel), The niche-width variation hypothesis revisited: genetic diversity in the marine gastropods *Littorina punctata* (Gmelin) and *L. neritoides* (L.) (JEM 00892) 109

P.S. PETRAITIS (U.S.A.), Factors organizing rocky intertidal communities of New England: herbivory and predation in sheltered bays (JEM 00893) 117

M. SALMON and J. WYNEKEN (U.S.A.), Orientation and swimming behavior of hatchling loggerhead turtles *Caretta caretta* L. during their offshore migration (JEM 00894) 137

H. CHERNOFF (Australia), Factors affecting mortality of the scallop *Chlamys asperrima* (Lamarck) and its epizooic sponges in South Australian waters (JEM 00895) 155

R.A. DOBBERTEEN and J.A. PECHENIK (U.S.A.), Comparison of larval bioenergetics of two marine gastropods with widely differing lengths of planktonic life, *Thais haemastoma canaliculata* (Gray) and *Crepidula fornicata* (L.) (JEM 00896) 173

R.L. DEAN and J.H. CONNELL (U.S.A), Marine invertebrates in an algal succession. I. Variations in abundance and diversity with succession (JEM 00897) 195

R.L. DEAN and J.H. CONNELL (U.S.A.), Marine invertebrates in an algal succession. II. Tests of hypotheses to explain changes in diversity with succession (JEM 00898) 217

R.L. DEAN and J.H. CONNELL (U.S.A.), Marine invertebrates in an algal succession. III. Mechanisms linking habitat complexity with diversity (JEM 00899) 249

P.M. JOHNS and K.H. MANN (Canada), An experimental investigation of juvenile lobster habitat preference and mortality among habitats of varying structural complexity (JEM 00900) 275